

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A method for aiding in the detection and/or quantification of CNS (central nervous system) damage in an individual, said CNS damage being caused by ~~{benign primary brain tumors, malignant primary brain tumors, by}~~ anoxia or ischemia~~[- or by a combination of these mechanisms]~~, said method comprising the following steps
 - (a) determining the level of tau in a cerebrospinal fluid (CSF) sample obtained from said individual;
 - (b) comparing the determined level of tau in the CSF sample obtained from said individual with a range of tau levels previously defined as characteristic for CSF samples obtained from control, healthy, individuals;
 - (c) concluding from the comparison in step (b) whether said individual has suffered brain damage caused by ~~{benign primary brain tumors, by malignant primary brain tumors,}~~ by anoxia or ischemia~~[- or by a combination of these mechanisms]~~;whereby a CSF level which is above the range previously defined as characteristic for CSF samples obtained from control healthy individuals is an indication that said individual has suffered brain damage; and
whereby an increase in tau level is an indication of an increase in the amount of CNS damage.
- 2.-4. (Canceled)
5. **(Currently Amended)** A method according to claim ~~[H]~~ 18 in which the CNS damage is caused by a benign primary brain tumor, or a malignant primary brain tumor.
- 6.-7. (Cancelled)
8. **(Previously Presented)** A method according to claim 1 in which the anoxia or ischemia is caused by stroke, by cerebral infarction, by cerebral hemorrhage, by thrombosis, by perinatal asphyxia, by Binswanger disease or by vasculitis.
- 9.-10. (Canceled)
11. **(Previously Presented)** A method according to claim 1 in which CNS damage is detected and/or quantified in order to evaluate the effect of a certain treatment on said CNS damage.

12.-17. (Canceled)

--18. **(New)** A method for aiding in the detection of CNS (central nervous system) damage in an individual, said CNS damage being caused by benign primary brain tumors, malignant primary brain tumors, by anoxia or ischemia; or by a combination of these mechanisms, said method comprising the following steps

- (a) determining the level of tau in a cerebrospinal fluid (CSF) sample obtained from said individual;
- (b) comparing the determined level of tau in the CSF sample obtained from said individual with a range of tau levels previously defined as characteristic for CSF samples obtained from control, healthy, individuals;
- (c) concluding from the comparison in step (b) whether said individual has suffered brain damage caused by benign primary brain tumors, by malignant primary brain tumors, by anoxia or ischemia, or by a combination of these mechanisms;

whereby a CSF level which is above the range previously defined as characteristic for CSF samples obtained from control healthy individuals is an indication that said individual has suffered brain damage.

- 19. **(New)** The method according to claim 18 in which the anoxia or ischemia is caused by stroke, by cerebral infarction, by cerebral hemorrhage, by thrombosis, by perinatal asphyxia, by Binswanger disease or by vasculitis.
- 20. **(New)** The method according to claim 18 in which CNS damage is detected in order to evaluate the effect of a certain treatment on said CNS damage.--